

- 18 -

ABSTRACT

The present invention relates to the identification of common single nucleotide polymorphisms (SNPs) in the human neuropeptide Y (NPY) gene. The invention also relates to methods for diagnosis of genetic susceptibility for obesity, based on the association with increased body-mass index (BMI) of a leucine(7)-to-proline(7)
5 polymorphism in the NPY signal peptide.